

ABSTRACT OF THE DISCLOSURE

A multifunctional shock-resisting structure is disclosed and the shock-resisting structure comprises (a) an external frame being an open or closed socket body of different shapes; (b) an actuating rod, and the material
5 for the external frame, the braking layer and the actuating rod being different in softness or hardness; and (c) a braking layer being positioned between the external frame and the actuating rod, wherein after the actuating rod is inserted into the external frame the braking layer is filled into the space between the actuating rod and the external frame such that the inner edge of the external
10 frame and the actuating rod is interconnected by the braking layer.